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GREAT PLAINS RESEARCH

A JOURNAL OF
NATURAL AND
SOCIAL SCIENCES

Volume 12, Number 1

Spring 2002



CENTER FOR GREAT PLAINS STUDIES
UNIVERSITY OF NEBRASKA

CENTER FOR GREAT PLAINS STUDIES

The Center for Great Plains Studies was established in 1976 by the University of Nebraska to promote a greater understanding of the people, culture, history, and environment of the Great Plains through a variety of research, teaching, and outreach programs. The Center encompasses six divisions: Administration and Programs, Great Plains Art Collection, *Great Plains Quarterly*, *Great Plains Research*, *Journals of the Lewis and Clark Expedition* editing project, and *Encyclopedia of the Great Plains* writing and editing project. Administered through the College of Arts & Sciences of the University of Nebraska–Lincoln, the Center includes resident Fellows on four campuses and non-resident Associate Fellows around the world. **James Stubbendieck**, *Range Ecology*, is director of the Center. **Gary Moulton**, *History*, is associate director.

GREAT PLAINS RESEARCH, a biannual multidisciplinary science journal, publishes original research and scholarly reviews of important advances in the natural and social sciences with relevance to the Great Plains region, with special emphasis on environmental, economic and social issues. It includes reviews of books and reports on symposia and conferences. The journal is indexed and/or abstracted in *America: History and Life*, *BIOSIS Previews*, *Biological Abstracts*, *Cambridge Scientific Abstracts*, *Environmental Abstracts*, *Historical Abstracts*, *Geo Abstracts* and *GEODBASE*, *Journal of Planning Literature*, *Meteorological and Geostrophysical Abstracts*, *Sage Family Studies Abstracts*, *Sage Urban Studies Abstracts*, and *Sociological Abstracts, Inc.*

The editorial policy encourages those submissions in particular that make general findings in the sciences relevant to this vast region. Articles should include thoughtful reviews of critical scientific findings and issues relevant to the Great Plains, whether the research was done in the Great Plains or not. The key will be how well the findings are related to the region, and how well the science is communicated to other scientists outside the specific discipline, in the style of *Scientific American*, for example. The most successful paper in natural sciences for a journal year will be acknowledged with the Charles E. Bessey Award, and the best paper in social sciences will receive the Leslie Hewes Award.

The following types of articles are of particular interest:

- Synopses** of the “state of the science” on topics with relevance to the Great Plains;
- Overviews** of critical environmental, economic and social issues for the plains;
- Reviews** of knowledge on important questions and their regional application;
- Syntheses and cross-disciplinary analyses** with relevance to the plains;
- Original research findings**, such as have been published in *GPR* since 1991.

Scientists doing interesting work with important implications for this region are invited to synthesize their significant research results and present them and their relevance to this audience. The overall goal is to develop *Great Plains Research* as a centralized outlet for science of regional importance, to communicate important scientific findings to as wide an educated audience as possible, and to help keep scientists, interested citizens and leaders of this region up-to-date on scientific progress relevant to the Great Plains.

Editor: Svata M. Louda, *Biological Sciences*

Editorial Assistant: Heather Hunter

Book Review Editor: George E. Wolf, *English*

Production Manager: Gretchen Walker

Production Designer: Linda J. Ratcliffe

Associate Editor for Social Sciences: Gustavo Carlo, *Psychology*

Associate Editor for Natural Sciences: James Stubbendieck, *Range Ecology*

Cover photo: This 1920s Grand Island band included two members of the Ramirez family—Manual and Joe. Photographed by The Leschinsky Studios. Courtesy of Julia Aguilar Campos. Mrs. Campos said her mother and uncles came to Nebraska with their parents in 1911 from Guadalajara, Mexico. The uncles formed a band and played for family and community events for a long time.

GREAT PLAINS RESEARCH (ISSN 1052-5165) is published biannually in Spring and Fall by the Center for Great Plains Studies, University of Nebraska–Lincoln. Subscriptions per year: US Individual \$25.00, Institutional \$50.00; Canada Individual \$30.00, Institutional \$55.00; other foreign Individual \$35.00, Institutional \$60.00. Third class postage paid at Lawrence, Kansas. *Postmaster: send address changes and undeliverable copies to* Great Plains Research, 1155 Q Street P.O. Box 880246, Lincoln, NE 68588-0246. *Return postage is guaranteed.* Phone: 402-472-6970; FAX: 402-472-0463; E-mail: <gpr@unl.edu>; Web page: <<http://www.unl.edu/plains/publications/gpr.html>>

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Religion on the Great Plains

27th Annual Interdisciplinary Symposium

sponsored by the Center for Great Plains Studies

University of Nebraska-Lincoln

Cornhusker Hotel and Conference Center, Lincoln, Nebraska

Keynote Speaker: Martin Marty, Professor Emeritus, University of Chicago

The symposium aims to explore, from all disciplinary points of view, the foundation, development, flourishing and decline of religions, their institutional forms and varieties of expression, and their responses to the physical and social conditions of the Great Plains. We wish to have familiar topics discussed in a new light and forgotten topics restored to their rightful place in our understanding of how religions have arisen, declined, or come to the Plains, and how adherents have dealt with the physical and spiritual environment.

The following list of topics suggests a few of the disciplinary varieties and range of papers we invite:

Indigenous Plains religions

Religious movements, such as Ghost Dance, Native American Church, Chautauqua, Revivalism

Missionaries to the Native peoples and Settlers.

Contested emphases among Plains ethnic groups: Sundance against Calumet in Native communities; Catholics and freethinkers in Czech communities

Sacred lands and sites; religion and environmental concerns; religion and the farm economy

Plains-related religious thinkers and rhetoricians: Reuben Snake, Black Elk, William Jennings Bryan, Martin Marty, Hartley Burr Alexander

Liturgical imports and inventions; varieties of church architecture; iconographic and artistic traditions; hymnody and other musical developments

Seminaries; colleges and religious schooling; communal experiments and utopias

Denominational adaptations and reorganizations: Eastern Orthodox, Latter-Day Saints, Disciples, Unification, Judaism

Black religious expression

Religions from Asia and the Middle East adapted to the Plains

Religion in works by Plains writers: M. Scott Momaday, Willa Cather, Ole Rølvaag, Mari Sandoz, Louise Erdrich, Owen Wister, Margaret Laurence

Interested contributors should submit proposals or abstracts of 150-200 words with a title, cover letter, and a brief resume by **September 13, 2002**. Persons whose proposals are accepted will be notified by October 15, 2002, and will be expected to submit their final papers by February 7, 2003, before the conference. *Great Plains Quarterly* and *Great Plains Research*, have the first right to publish papers accepted for the symposium, and will send contributors information about the review and publishing process.

Submit your proposal and brief resume by September 13, 2002 to:
Dr. Robert Haller and Dr. Hugh Whitt, Co-Chairs

Center for Great Plains Studies, University of Nebraska-Lincoln
1155 Q Street, PO Box 880214, Lincoln, NE 68588-0214

Phone: 402/472-3082; Fax: 402/472-0463; E-mail: cgps@unl.edu

Website: www.unl.edu/plains/events

NEWS AND NOTES

CHARLES E. BESSEY AWARD

Great Plains Research is pleased to announce the article by R. Mark Larson, Lawrence C. Todd, Eugene F. Kelly, and Jeffrey M. Welker titled "Carbon Stable Isotopic Analysis of Bison Dentition" is the winner of the Charles E. Bessey Award for the best paper in natural sciences published during the volume year 2001. This paper was a featured article in Volume 11 (1). The annual award includes a cash stipend of \$250.

LESLIE HEWES AWARD

The winner of the Leslie Hewes Award for the best paper in social sciences published in *Great Plains Research* during the volume year 2001 is "Managing Bison to Restore Biodiversity" by Joe C. Truett, Michael Phillips, Kyran Kunkel, and Russell Miller. This article was published in Volume 11 (1), the special issue on Bison on the Great Plains. The annual award includes a cash stipend of \$250.

GREAT PLAINS RESEARCH JUNIOR SCIENCE AWARD

Great Plains Research presented a \$100 first place award for scholastic research on a natural or social sciences topic in the Great Plains to Amanda Landon of Omaha Burke High School. Her paper, "Approaching HAL?" was presented at the Nebraska Junior Academy of Sciences annual meeting on 26 April 2002 at Nebraska Wesleyan University. Landon evaluated the capacity of six artificial language Internet programs to respond accurately to questions. The \$50 honorable mention award went to Kelly Kinzer of Lakeview High School, Columbus, for "Analysis of Aquatic Plants and Pollution: Phase II."

CALL FOR PAPERS

13 September 2002

Religion on the Great Plains is the theme for the University of Nebraska's Center for Great Plains Studies' 27th annual interdisciplinary symposium 27-29 March 2003 at the Cornhusker Hotel, Lincoln, Nebraska. Submit a 150-word proposal with a title, cover letter, and brief resume to: Professors Robert Haller and Hugh Whitt, Co-Chairs, Center for Great Plains Studies, University of Nebraska-Lincoln, 1155 Q Street, Lincoln, NE 68588-0214; (402) 472-3082; e-mail: <cgps@unl.edu>; website: <www.unl.edu/plains/events/futuresymp.html>.

INSTRUCTIONS TO AUTHORS

Great Plains Research publishes original research and scholarly reviews of important advances in the natural and social sciences with relevance to the Great Plains region, with special emphasis on environmental, economic and social issues in the plains. It includes reviews of books and reports on symposia and conferences on topics pertaining to the Great Plains. Papers must be comprehensible to a multidisciplinary community of scholars and lay readers who share interest in the region. Stimulating review and synthesis articles will be published if they inform, educate, and highlight both current status and further research directions. Authors of unsolicited reviews of symposia, conferences, and books should contact the editor before submitting their manuscripts.

Submissions. All manuscripts should be concise: 5,000 words total including reference section, with up to 4 tables or illustrations; if more graphic material is needed, please reduce total word count by 250 words per illustration. All submissions should be typed double-spaced, including abstract, text, quotations, and bibliography, on 8.5 by 11-inch white bond paper with 1-inch margins. Informational footnotes are not accepted. Authors should submit three copies of their manuscripts to: **Editor, Great Plains Research, University of Nebraska-Lincoln, 1155 Q Street, P.O. Box 880246, Lincoln, NE 68588-0246.** If the manuscript is accepted for publication, author/s will be asked to send the final document on a 3.5-inch high density IBM-compatible computer diskette in a word processing or text file.

Review Process. All manuscripts are given double-blind review. Authors should prepare a separate title page with their name and affiliation, and any acknowledgments, which will not be sent to reviewers. The title of the paper should be repeated directly above the abstract. Authors should avoid self-identification in the text. When two external reviewers with expertise in the topic have submitted their evaluations, the manuscript is reviewed by the Associate Editors before the Editor makes the final decision to publish.

Article Style. The Editor would prefer authors to write simply and in the first person. Authors should aim to communicate with a broad interdisciplinary audience in jargon-free language and should avoid sexist, racist, or otherwise biased language or intent.

Main Headings are centered: Introduction, Methods, Results, Discussion, Conclusions, Acknowledgments, References. If you have subheadings that should be left justified, please indicate those.

Abstract. A short abstract of less than 150 words should precede the main text. The abstract should identify the problem addressed in the paper, indicate the methodology, and summarize the results. Authors should prepare an abstract that will be interesting to and understood by nonspecialists in the field.

Illustrations. All illustrations should be referenced parenthetically by arabic numbers in the text. For example, "Rainfall increases with elevation (Fig. 1)." The author should send **camera-ready illustrations**, although photocopies are sufficient for the review process. **Captions for each figure should be typed on a separate sheet and not included in the figure itself.** All illustrations should be 4³/₈" wide and made into a legible black and white photo print or "grayscale" computer laser print. Authors should take care that their figures will be legible when reduced in size (text area is 4³/₈" wide by 7.0" tall). **Graphic resolutions MUST be 350 dpi; line illustrations are 1200 dpi. Please send all scanned figures created in software programs on a 1.44MB or 100MB IBM-formatted disk and saved with extensions ".tif" or ".eps" only. DO NOT embed graphic files into your article. DO NOT send PowerPoint graphics.**

Tables. Tables should be presented on separate sheets apart from the text, printed as quality images. They should be formatted to fit the standard text area of the journal (4³/₈" wide by 7.0" tall), since they may be treated as camera-ready illustrations at the time of publication. Send as a separate file with text file on diskette.

Reference Style. *Great Plains Research* uses *The Chicago Manual of Style*, 14th edition, as its reference guide. The journal uses author-date citations in the text [for example, in chronological order: (Smith et al. 1990; Templer 1992; Jones in press)] and a complete reference section that gives author, year, title, source, and page references for journal or newspaper articles. Include page numbers for quotations [for example: (Templer 1992: 45)]. For a journal article:

Murkin, H.R. 1998. Freshwater functions and values of prairie wetlands. *Great Plains Research* 8: 3-15.

For a book:

Blouet, B.W., and F.C. Luebke, eds. 1979. *The Great Plains: Environment and Culture*. Lincoln: University of Nebraska Press.

For an article in a book or conference volume:

Wedel, W.R. 1994. Coronado and Quivira. In *Spain and the Plains*, ed. R.H. Vigil, F.W. Kaye, and J.R. Wunder, 45-66. Niwot: University Press of Colorado.

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